

(Modified) PTO/SB/08A-B (12-96)
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Substitute for Form 1449A, PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 10/012,194
Filing Date December 6, 2001
First Named Inventor Manuela Martins-Green
Group Art Unit 3738
Examiner Name Unknown
Attorney Docket Number 407E-914500US
Date Submitted July 16, 2003

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
CA	AA	5,512,475		Naughton, et al.	04-30-1996	
	AB	5,863,531		Naughton, et al.	01-26-1999	
	AC	5,902,741		Purchio, et al.	05-11-1999	
	AD	5,962,325		Naughton, et al.	10-05-1999	
	AE	6,121,042		Peterson, et al.	09-19-2000	
	AF	6,372,494		Naughton, et al.	04-16-2002	

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		Office	Number	Kind Code (if known)				

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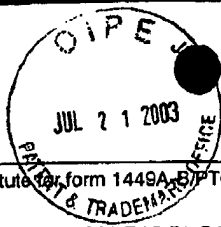
	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
CA	AG	Arenberg et al. (1997) "The role of CXC chemokines in the regulation of angiogenesis in non-small cell lung cancer." <i>J. Leuk. Biol.</i> , 62:554-562.	
	AH	Arenberg et al. (1997) "In vitro and in vivo systems to assess role of C-X-C chemokines in regulation of angiogenesis." <i>Meth. Enzymol.</i> , 288:190-220	
	AI	Arenberg et al. (1998) "Epithelial-neutrophil activating peptide (ENA-78) is an important angiogenic factor in non-small cell lung cancer." <i>J Clin Invest</i> 102:465-472.	
	AJ	Baggiolini et al. (1994) "Interleukin-8 and related chemotactic cytokines - CXC and CC chemokines." <i>Adv Immunol</i> 55, 97-179.	
	AK	Baggiolini et al. (1997) "Human chemokines: an update." <i>Annual Review of Immunology</i> , 15:675-705.	
	AL	Balkwill, F. (1998) "The molecular and cellular biology of the chemokines." <i>J Viral Hepatitis</i> 5:1-14.	

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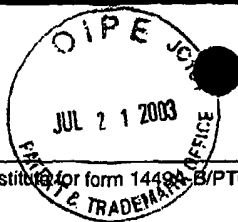
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AM	Baluk, et al. (1997) "Endothelial gaps: Time course of formation and closure in inflamed venules of rats." <i>Am. J. Physiol</i> 272: L155-L170.
AN	Baluk, et al. (1998) "Endothelial gaps and adherent leukocytes in allergen-induced early- and late-phase plasma leakage in rat airways." <i>Am J Pathol</i> 152: 1463-1476
AO	Bartlett et al. (1995) "Comparative analysis of the ability of leucocytes, endothelial cells and platelets to degrade the subendothelial basement membrane: evidence for cytokine dependence and detection of a novel sulfatase." <i>Immunol Cell Biol</i> 73:113-24.
AP	Beck and D'Amore (1997) "Vascular development: cellular and molecular regulation." <i>FASEB J</i> , 11:365-73.
AQ	Belperio et al. (2000) "CXC chemokines in angiogenesis" <i>J. of Leukocyte Biology</i> , 68:1-8.
AR	Bergers et al. (2000) "Matrix metalloproteinase-9 triggers the angiogenic switch during carcinogenesis." <i>Nature Cell Biology</i> 2:737-744.
AS	Berthod and Damour (1997) "In vitro reconstructed skin models for wound coverage in deep burns" <i>Br. J. Dermatol.</i> 136:809-816
AT	Black, et al. (1998) "In vitro reconstruction of a human capillary-like network in a tissue-engineered skin equivalent." <i>FASEB Journal</i> 12:1331-1340
AU	Boyce, et al. (1995) "Topical Nutrients Promote Engraftment and Inhibit Wound Contraction of Cultured Skin Substitutes in Athymic Mice" <i>J. Invest. Dermatol.</i> 104: 345-349
AV	Brooks, et al. (1996) "Localization of matrix metalloproteinase MMP-2 to the surface of invasive cells by interaction with integrin $\alpha v \beta 3$." <i>Cell</i> , 85:683-93.
AW	Carmeliet and Jain (2000) "Angiogenesis in cancer and other diseases." <i>Nature</i> , 407:249-57.
AX	Corada et al. (1999) "Vascular endothelial-cadherin is an important determinant of microvascular integrity in vivo." <i>Proc. Nat'l. Acad. Sci. USA</i> , 96:9815-9820.
AY	Corral et al. (1999) "Vascular endothelial growth factor is more important than basic fibroblastic growth factor during ischemic wound healing." <i>Archives of Surgery</i> 134:200-205.
AZ	Coussens et al. (2000) "MMP-9 supplied by bone marrow-derived cells contributes to skin carcinogenesis" <i>Cell</i> , 103(3):481-490.
BA	Davis et al. (2001) "Matrix metalloproteinase-1 and -9 activation by plasmin regulates a novel endothelial cell-mediated mechanism of collagen gel contraction and capillary tube regression in three-dimensional collagen matrices." <i>Journal of Cell Science</i> , 114:917-30
BB	Dejana et al. (2000) "The molecular organization of endothelial junctions and their functional role in vascular morphogenesis and permeability." <i>International Journal of Developmental Biology</i> , 44:743-8.

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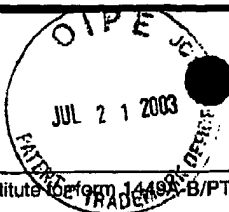
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CO	BC	Dunlevy and Couchman (1995) "Interleukin-8 induces motile behavior and loss of focal adhesions in primary fibroblasts." <i>Journal of Cell Science</i> , 108:311-21.	
	BD	Eliceiri and Cheresh (2000) "Role of α_v integrins during angiogenesis." <i>Cancer Journal from Scientific American</i> , 6 Suppl 3:S245-S249.	
	BE	Engelhardt et al. (1998) "Chemokines IL-8, GRO α , MCP-1, IP-10, and Mig are sequentially and differentially expressed during phase-specific infiltration of leukocyte subsets in human wound healing." <i>American Journal of Pathology</i> , 153:1849-60.	
	BF	Esser et al. (1998) "Vascular endothelial growth factor induces VE-cadherin tyrosine phosphorylation in endothelial cells." <i>J. Cell Science</i> , 111:1853-65.	
	BG	Feugate and Martins-Green (2002). "The CXC chemokine cCAF stimulates differentiation of fibroblasts into myofibroblasts and accelerates wound closure." <i>J. Cell Biol.</i> 156:161-172.	
	BH	Friedlander et al. (1995) "Definition of two angiogenic pathways by distinct α_v integrins." <i>Science</i> 270:1500-1502.	
	BI	Garcia et al. (2000) "Diperoxovanadate alters endothelial cell focal contacts and barrier function: role of tyrosine phosphorylation." <i>J. App. Physiol.</i> 89:2333-2343.	
	BJ	Ghirnikar et al. (1998) "Inflammation in traumatic brain injury: role of cytokines and chemokines." <i>Neurochem Res</i> 23(3):329-340.	
	BK	Grant and Kleinman (1997) "Regulation of capillary formation by laminin and other components of the extracellular matrix." in <i>Regulation of Angiogenesis</i> , eds Goldberg and Rosen, pp. 317-333, Birkhäuser Verlag, Basel, Switzerland.	
✓	BL	Gumbiner, B.M. (2000) "Regulation of cadherin adhesive activity." <i>Journal of Cell Biology</i> , 148:399-403.	
CO	BM	Haas and Madri (1999) "Extracellular matrix-driven matrix metalloproteinase production in endothelial cells: implications for angiogenesis." <i>Trends Cardiovasc Med</i> 9:70-77.	
CO	BN	Haas et al. (1998) "Three-dimensional type I collagen lattices induce coordinate expression of matrix metalloproteinases MT1-MMP and MMP-2 in microvascular endothelial cells." <i>J. Biol. Chem.</i> 273:3604-3610.	
	BO	Han et al. (2001) "Transforming growth factor- β - and tumor necrosis factor- α - mediated induction and proteolytic activation of MMP-9 in human skin." <i>J Biol. Chem.</i> 276:22341-22350.	
	BP	Hanahan (1997) "Signaling vascular morphogenesis and maintenance." <i>Science</i> 277:48-50.	
	BQ	Hiraoka et al. (1998) "Matrix metalloproteinases regulate neovascularization by acting as pericellular fibrinolysins." <i>Cell</i> 95:365-377.	
✓	BR	Howard et al. (1996) "Chemokines: progress toward identifying molecular targets for therapeutic agents." <i>Trends in Biotechnology</i> , 14:46-51.	

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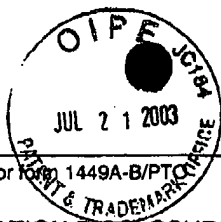
CO	BS	Ilan et al. (1998) "Distinct signal transduction pathways are utilized during the tube formation and survival phases of in vitro angiogenesis." <i>J Cell Sci</i> 111:3621-31.	
	BT	Ilan et al. (2000) "Platelet-endothelial cell adhesion molecule-1 (CD31), a scaffolding molecule for selected catenin family members whose binding is mediated by different tyrosine and serine/threonine phosphorylation." <i>Journal of Biological Chemistry</i> , 275:21435-43.	
	BU	Keane and Strieter (1999) "The role of CXC chemokines in the regulation of angiogenesis." <i>Chemical Immunology</i> , 72:86-101.	
	BV	Kim et al. (2000) "Regulation of integrin $\alpha_v\beta_3$ -mediated endothelial cell migration and angiogenesis by integrin $\alpha_5\beta_1$ and protein kinase A." <i>J Biol Chem</i> , 275:33920-8.	
	BW	Kim et al. (2000) "Regulation of angiogenesis in vivo by ligation of integrin $\alpha_5\beta_1$ with the central cell binding domain of fibronectin." <i>Amer. J. Pathology</i> 156:1345-1362.	
	BX	Kumar et al. (1998) "Regulation of distinct steps of angiogenesis by different angiogenic molecules." <i>Int. J. Oncol.</i> 12:749-757.	
	BY	Lampugnani et al. (1995) "The molecular organization of endothelial cell to cell junctions: differential association of plakoglobin, β -catenin, and α -catenin with vascular endothelial cadherin (VE-cadherin)." <i>J. Cell Biol.</i> 129:203-217.	
	BZ	Legrand et al. (2001) "uPA/plasmin system-mediated MMP-9 activation is implicated in bronchial epithelial cell migration." <i>Experimental Cell Research</i> , 264:326-36.	
✓	CA	Li and Martins-Green (2001) "Molecular mechanisms by which IL-8 stimulates initiation of angiogenesis." <i>Mol. Biol. of the Cell. Suppl.</i> 12: Abstract 1466.	
CO	CB	Li and Martins-Green (2001) "Development and Characterization of a 3D co-Culture System that Mimics Human Skin." <i>Mol. Biol. of the Cell. Suppl.</i> 12: Abstract 2833.	
	CC	Lin et al. (2000) "Human mast cells transmigrate through human umbilical vein endothelial monolayers and selectively produce IL-8 in response to stromal cell-derived factor-1 α ." <i>J. Immunol.</i> , 165:211-220.	
	CD	Lin et al. (2001) "SDF-1 induces IL-8 production and transendothelial migration of human cord blood-derived mast cells." <i>Internat'l. Archives Allergy and Immunology</i> , 124:142-145.	
	CE	Madri and Williams (1983) "Capillary endothelial cell cultures: phenotypic modulation by matrix components." <i>J Cell Biol</i> 97:153-165.	
✓	CF	Martin-Padura et al. (1998) "Junctional adhesion molecule, a novel member of the immunoglobulin superfamily that distributes at intercellular junctions and modulates transmigration." <i>J. Cell Biol</i> 142: 117-127.	
CO	CG	Martins-Green (2000) "Dynamics of Cell-ECM interactions with implications for Tissue Engineering." In <i>Principles of Tissue Engineering</i> . pp 23-46 2nd Edition, Eds. R.P. Lanza, R. Langer and W.L. Chick. Academic Press/R.G. Landes Co., Austin, Texas.	

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CH	Martins-Green and Feugate (1998) "The 9E3/CEF4 gene product is a chemotactic and angiogenic factor that can initiate the wound healing cascade <i>in vivo</i> ." <i>Cytokine</i> 10(7):522-535.
CI	Martins-Green and Hanafusa (1997) "The 9E3/CEF4 gene and its product the chicken Chemotactic and Angiogenic Factor (cCAF): potential roles in wound healing and tumor development." <i>Cytokines and Growth Factors</i> 8(3): 221-232.
CJ	Martins-Green and Kelly (1998) "The chicken Chemotactic and Angiogenic Factor (9E3 Gene Product): Its angiogenic properties reside in the C-terminus of the molecule." <i>Cytokine</i> 10(11):819-829.
CK	Martins-Green et al. (1991) "Wound-factor-induced and cell cycle phase-dependent expression of 9E3/CEF4, the avian <i>gro</i> gene." <i>Cell Regulation</i> 2:739-752.
CL	Martins-Green et al. (1996) "The 9E3/CEF4 Cytokine: Kinetics of secretion, processing by plasmin, and interaction with ECM." <i>Cytokine</i> 8(6): 448-459.
CM	McCawley and Matrisian (2001) "Matrix metalloproteinases: they're not just for matrix anymore!" <i>Current Opinion in Cell Biology</i> , 13:534-40.
CN	Melkonian, et al. (2000) "Normal Patterns of Angiogenesis and Extracellular Matrix Deposition in Chick Chorioallantoic Membranes are Disrupted by Mainstream and Sidestream Cigarette Smoke." <i>Toxicology and Applied Pharmacology</i> 163:26-37.
CO	Mignatti and Rifkin (1996) "Plasminogen activators and matrix metalloproteinases in angiogenesis." <i>Enzyme and Protein</i> 49:117-137.
CP	Montesano and Orci (1985) "Tumor-promoting phorbol esters induce angiogenesis <i>in vitro</i> ." <i>Cell</i> 42:469-477.
CQ	Montesano et al. (1983) "In vitro rapid organization of endothelial cells into capillary-like networks is promoted by collagen matrices." <i>J. Cell Biol.</i> 97:1648-1652.
CR	Moore et al. (1998) "Tumor angiogenesis is regulated by CXC chemokines." <i>J Lab Clinical Med</i> 132:97-103.
CS	Murphy and Gavrilovic (1999) "Proteolysis and cell migration: creating a path?" <i>Current Opinion in Cell Biology</i> , 11:614-21.
CT	Newman, P.J. (1999). "Switched at birth: a new family for PECAM-1." <i>J. Clinical Inv.</i> 103:5-9.
CU	Raza and Cornelius (2000) "Matrix metalloproteinases: pro- and anti-angiogenic activities." <i>Journal of Investigative Dermatology. Symposium Proceedings</i> , 5:47-54.
CV	Roberts and Palade (1995) "Increased microvascular permeability and endothelial fenestration induced by vascular endothelial growth factor." <i>J Cell Science</i> 108:2369-2379.
CW	Rottman, J.B. (1999) "Key role of chemokines and chemokine receptors in inflammation, immunity, neoplasia, and infectious disease." <i>Veterinary Pathology</i> , 36:357-67.

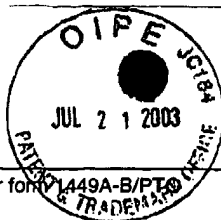
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CX	Rupp and Little (2001) "Integrins in vascular development." <i>Circulation Research</i> 89:566-572.
CY	Sanderson, R.D. (2001) "Heparan sulfate proteoglycans in invasion and metastasis." <i>Seminars in Cell and Developmental Biology</i> , 12:89-98.
CZ	Sheibani et al. (2000) "Differential modulation of cadherin-mediated cell-cell adhesion by platelet endothelial cell adhesion molecule-1 isoforms through activation of extracellular regulated kinases." <i>Molecular Biology of the Cell</i> , 11:2793-802.
DA	Shin, et al. (2001) "Expression of EphrinB2 Identifies a Stable Genetic Difference Between Arterial and Venous Vascular Smooth Muscle as Well as Endothelial Cells, and Marks Subsets of Microvessels at Sites of Adult Neovascularization" <i>Developmental Biology</i> 230:139-150.
DB	Strieter et al. (1995) "The role of CXC chemokines as regulators of angiogenesis." <i>Shock</i> , 4:155-60.
DC	Strieter et al. (1995) "Role of C-X-C chemokines as regulators of angiogenesis in lung cancer." <i>J. Leukocyte Biology</i> , 57:752-62.
DD	Thurston (1996) "Permeability-related changes revealed at endothelial cell borders in inflamed venules by lectin binding." <i>Am. J. Physiol.</i> 271:H2547-H2562.
DE	Thurston et al. (1999) "Leakage-resistant blood vessels in mice transgenically overexpressing angiopoietin-1." <i>Science</i> 286:2511-2514.
DF	Tsukamoto and Nigam (1999) "Cell-cell dissociation upon epithelial cell scattering requires a step mediated by the proteasome." <i>J. Biol. Chem.</i> 274:24579-24584.
DG	van Hinsbergh et al. (1997) "Role of fibrin and plasminogen activators in repair-associated angiogenesis: <i>In vitro</i> studies with human endothelial cells." In <i>Regulation of Angiogenesis</i> (Goldberg, ID, and Rosen, EM, eds.) pp 391-411, Birkhäuser Verlag, Basel Switzerland.
DH	Vestweber, D. (2000) "Molecular mechanisms that control endothelial cell contacts." <i>J Pathology</i> , 190:281-91.
DI	Vu and Werb (2000) "Matrix metalloproteinases: effectors of development and normal physiology." <i>Genes and Development</i> , 14:2123-33.
DJ	Yancopoulos et al. (2000) "Vascular-specific growth factors and blood vessel formation." <i>Nature</i> , 407:242-8.
DK	Young et al. (1996) "Species-Specific In Situ Hybridization With Fluorochrome-Labeled DNA Probes to Study Vascularization of Human Skin Grafts on Athymic Mice" <i>J. Burn Care Rehabil.</i> 17:305-310

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